BRUHAT BANGALORE MAHANAGARA PALIKE

DASARAHALLI ZONE

Name of Work: improvments and Construction of CC Drainage Right Side of the First Main Road at Dasarahalli Ward No 15

			Est. Cost Rs				30.00	Lakhs	
Sl	Description of Item	Unit	No	L	B	D	Qty	Rate	Amount
1	KSRRB 300 - Excavation for road, drains and similar works - KSRRB 300 1. Earthwork excavation by manual means in **Ordinary soil** involving an average horizontal throw upto 2 meters and an average lift upto 0.5 m, excavated surface leveled and sides neatly dressed, the disposed earth to be leveled neatly after breaking of clods complete as per specifications complete as per specifications. MORTH Chapter 3 (P.142/I.19.1 PW, P & IWTD -SR 2016-17)								
	For Drain	Cum	1	356.00	1.00	1.00	356.00		
	For Culvert	Cum	5	6.00	2.00	1.00	60.00		
	Basic Rate	82.00					416.00	86.92	36159.00
	Add Area Weightage 6%	4.92							
	Total	86.92							
2	KSRRB M2100-10. Plain cement concrete **M-10 with OPC cement** at 220kg with crushed 40mm down size graded granite metal course aggregate @0.84 CUM and fine agreegate @ 0.6 CM in Foundation mechanically mixed placced in foundation and compacted by vibration including curing for 14 days complete as per specifications. MORTH Specification No. 2100. Page No. 218/ Item No. 27.18/ PWD SR 2016-17								
		Cum	1	356.00	1.00	0.15	53.40		
	For Culvert	Cum	5	6.00	2.00	0.15	9.00		
	Basic Rate	5634.00					62.40	5972.04	372655.00
	Add Area Weightage 6%	338.04							
	Total	5972.04							
3	KSRB 4-6.3: Providing and removing **centering**, shuttering, strutting, propping etc., and removal of form work for flat surface such as suspended floors, roofs, landings, balconies and likes, thickness above 200 mm including ,cost of all materials, labour complete as per specifications.(Page No: 15, itno: 4.30) 2016-17								
	Sqm	1	4	356.00	0.75		1068.00		
	For Culvert	5	4	6.00	0.85		102.00		
		5	1	6.00	2.00		60.00		
	Basic Rate	384.00					1230.00	407.04	500659.00
	Add Area Weightage 6%	23.04							
	Total	407.04							

Sl	Description of Item	Unit	No	L	B	D	Qty	Rate	Amount
4	KSRB M2200-5.9 **Design Mix M20** with OPC cement @ 320kgs with 20mm & down size graded granite metal course agreegate @ 0.69 CM an Fine agregated 0.46 cm with super plaster @ 3ltrs confirming to IS 9103-1999 Reaffirmed -2008 i.) Upto 5m height Page No. 223/ Item No. 28.7.9/ PWD SR 2016-17								
		Cum	2	356.00	0.15	0.75	80.10		
	For Culvert	5	2	6.00	0.30	0.85	15.30		
		5	1	6.00	2.00	0.35	21.00		
	Road Side		1	210.00	0.60	0.12	15.12		
	Basic Rate	6571.00					131.52	6965.26	916071.00
	Add Area Weightage 6%	394.26							
	Total	**6965.26**							
5	KSRB M-2200- TMT/MS bar Reinforcement KSRRB M2200-6 Supplying, fitting and placing TMT bar reinforcement in Sub-structure complete as per drawing and technical specifications complete as per specifications. MORTH specification No. 1600 & 2200. Page No. 225/ Item No. 28.8/ PWD SR 2016-17 **TMT Bars FE 550**								
	For Bottom & Sides	Tonnes	132		50.00		6576.00		
							6576.00		
	Basic Rate	55484.00				Say	6.58	58813.04	386755.00
	Add Area Weightage 6%	3329.04							386989=80
	TOTAL	58813.04							
6	Supplying and fixing **precast** rainforced concee slab 10cm thick including cost of reinforcement as per design and drawing material cost, transportation, hire charges of machinery, machine cutting the vertical face to get plain even surface stc., complete with all leads and lift conveyance charges, labour charges inclusive of cost of all materials.								
		Cum	1	356.00	1.20		427.20		
	Data Rates Approved by CE DZ enclosed						427.20	1600.00	683520.00
7	Providing and fixing Pre cast solid concrete **kerb stones** made out of CC 1:2:4 and finished with CM 1:3 plastering and finishing cutting etc., complete.(P-25, itno: 5.29) 2016-17								
		Nos	356	/	4.00		89.00		
	Basic Rate	364.00				Say	89.00	385.84	34340.00
	Add Area Weightage 6%	21.84							
	TOTAL	385.84							
8	Disposal of debris to the final place of disposal with all lead and lift and as direction by the engineer in charge of the work, lead 4 Km a) Basic rate for haulage of materials as per item No. 17.4/KSRRB : M100-4.1 ..... Rs. ~~2.00~~ 3.5 Tonne/Km b) Average earth of work 1.28 Tonne/Km for Rs. 2.00/Km c) Add loading and unloading Page No. 150 Item No. 17.1 PWD SR 2016-17								

Sl	Description of Item	Unit	No	L	B	D	Qty	Rate	Amount
		Cum	Qty Vide Item No. 1				416.00	~~85.65~~	~~35630.00~~
	Loading and Unloading	68.00						80.80	33613.00
	Lead 4 KMs 2x1.28x4	12.80							
		80.80							
	Add Area Weightage 6%	~~4.85~~							
	Total	~~85.65~~							
9	Quality control Test Charges 1%								30000.00
							Miscellaneous		5994.00
									4211.00
10	Miscellaneous and UnforessenCharges								
								Total	3000000.00

(Rupees.Thirty Lakhs Only)

CERTIFICATE:-

1 The Work spot has been inspected and the work is found to be necessary
2 The Estimate is prepared as per the PW,P & IWTD -SR-2016-17
3 The Provision made in estimate are adequate and essential.
4 This area comes under BBMP limits.

Assistant Engineer
Ward-15

Assistant Executive Engineer
T. Dasarahalli Sub-Division
B.B.M.P

Executive Engineer
Dasarahalli Division
B.B.M.P. Bangalore.

ನಂ. CE|AS|76|16-17 ದಿನಾಂಕ : 09|01|2017
30.00lakh only/- Rupees Thirty lakhs only/- ಗಳ
ಅಂದಾಜು ಪಟ್ಟಿಗೆ ತಾಂತ್ರಿಕ ಮಂಜೂರಾತಿ ನೀಡಿದೆ.
ಮುಖ್ಯ ಅಭಿಯಂತರರು
ಬಿ.ಬಿ.ಎಂ.ಪಿ.
ದಾಸರಹಳ್ಳಿ ವಲಯ, ಬೆಂಗಳೂರು.

ನಂ. CE|TS|1127|16-17 ದಿನಾಂಕ : 27|01|2017
ರೂ. 30.00lakhs only/- Rupees Thirty lakhs only/-
ಗಳ ಅಂದಾಜು ಪಟ್ಟಿಗೆ ತಾಂತ್ರಿಕ ಮಂಜೂರಾತಿ ನೀಡಿದೆ
ತಾಂತ್ರಿಕ ಸಹಾಯಕರು
ಮುಖ್ಯ ಅಭಿಯಂತರರು
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